

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0032823\
 Data File : P0093630.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2023 20:31
 Operator : YP/AJ
 Sample : 02104-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 21:09:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.424	3.629	63843449	20122188	20.387	17.841
2)	SA Decachlor...	10.249	8.652	31326125	13597123	14.474	13.887
Target Compounds							
3)	L1 AR-1016-1	5.611	4.700	282091	287368	2.952	8.028 #
4)	L1 AR-1016-2	5.623	4.700f	794239	287368	5.562	5.537
5)	L1 AR-1016-3	5.677	0.000	1296046	0	14.284	N.D. #
6)	L1 AR-1016-4	5.772	0.000	275648	0	4.069	N.D. #
7)	L1 AR-1016-5	6.082	0.000	702508	0	9.383	N.D. #
8)	L2 AR-1221-1	4.630	0.000	1213929	0	30.031	N.D. #
9)	L2 AR-1221-2	4.730	0.000	989528	0	32.653	N.D. #
10)	L2 AR-1221-3	4.813	4.061f	429376	2075882	4.697	60.935 #
11)	L3 AR-1232-1	4.813	4.061f	429376	2075882	5.881	73.498 #
12)	L3 AR-1232-2	5.348	4.700f	1487838	287368	41.379	11.663 #
13)	L3 AR-1232-3	5.623	0.000	794239	0	12.132	N.D. #
14)	L3 AR-1232-4	5.772	0.000	275648	0	9.003	N.D. #
15)	L3 AR-1232-5	5.872	0.000	277007	0	9.983	N.D. #
16)	L4 AR-1242-1	5.611	4.700	282091	287368	3.442	9.457 #
17)	L4 AR-1242-2	5.623	4.700f	794239	287368	6.617	6.473
18)	L4 AR-1242-3	5.677	0.000	1296046	0	16.887	N.D. #
19)	L4 AR-1242-4	5.772	0.000	275648	0	4.810	N.D. #
20)	L4 AR-1242-5	6.525	0.000	676078	0	10.819	N.D. #
21)	L5 AR-1248-1	5.611	4.700	282091	287368	4.538	12.348 #
22)	L5 AR-1248-2	5.872	0.000	277007	0	2.900	N.D. #
23)	L5 AR-1248-3	6.082	0.000	702508	0	6.751	N.D. #
24)	L5 AR-1248-4	6.493	0.000	927432	0	9.108	N.D. #
25)	L5 AR-1248-5	6.525	0.000	676078	0	6.605	N.D. #
26)	L6 AR-1254-1	6.466	0.000	768340	0	6.575	N.D. #
27)	L6 AR-1254-2	6.680	0.000	1140077	0	6.672	N.D. #
28)	L6 AR-1254-3	7.060	6.085	1968859	823032	11.844	9.560
29)	L6 AR-1254-4	7.341	0.000	210075	0	1.971	N.D. #
30)	L6 AR-1254-5	7.782	0.000	1694855	0	12.517	N.D. #
31)	L7 AR-1260-1	7.220	0.000	233207	0	1.800	N.D. #
32)	L7 AR-1260-2	7.498	6.460f	187349	1639736	1.269	22.681 #
33)	L7 AR-1260-3	7.839	0.000	131109	0	1.166	N.D. #
34)	L7 AR-1260-4	8.062	0.000	31511	0	0.246	N.D. #
35)	L7 AR-1260-5	8.388	0.000	333923	0	1.494	N.D. #
36)	L8 AR-1262-1	7.782	0.000	1694855	0	17.050	N.D. #
37)	L8 AR-1262-2	8.418	0.000	59335	0	0.250	N.D. #
38)	L8 AR-1262-3	8.719	0.000	113196	0	0.670	N.D. #
39)	L8 AR-1262-4	8.785	0.000	704506	0	7.866	N.D. #
40)	L8 AR-1262-5	9.479	0.000	154184	0	1.614	N.D. #
41)	L9 AR-1268-1	8.719	0.000	113196	0	0.354	N.D. #

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Acq On : 28 Mar 2023 20:31
Operator : YP/AJ
Sample : 02104-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 21:09:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 14 05:32:59 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	8.849	0.000	10363	0	0.036	N.D.	#
43)	L9 AR-1268-3	9.047	0.000	18912	0	0.074	N.D.	#
44)	L9 AR-1268-4	9.479	0.000	154184	0	1.444	N.D.	#
45)	L9 AR-1268-5	9.915	0.000	34844	0	0.043	N.D.	#

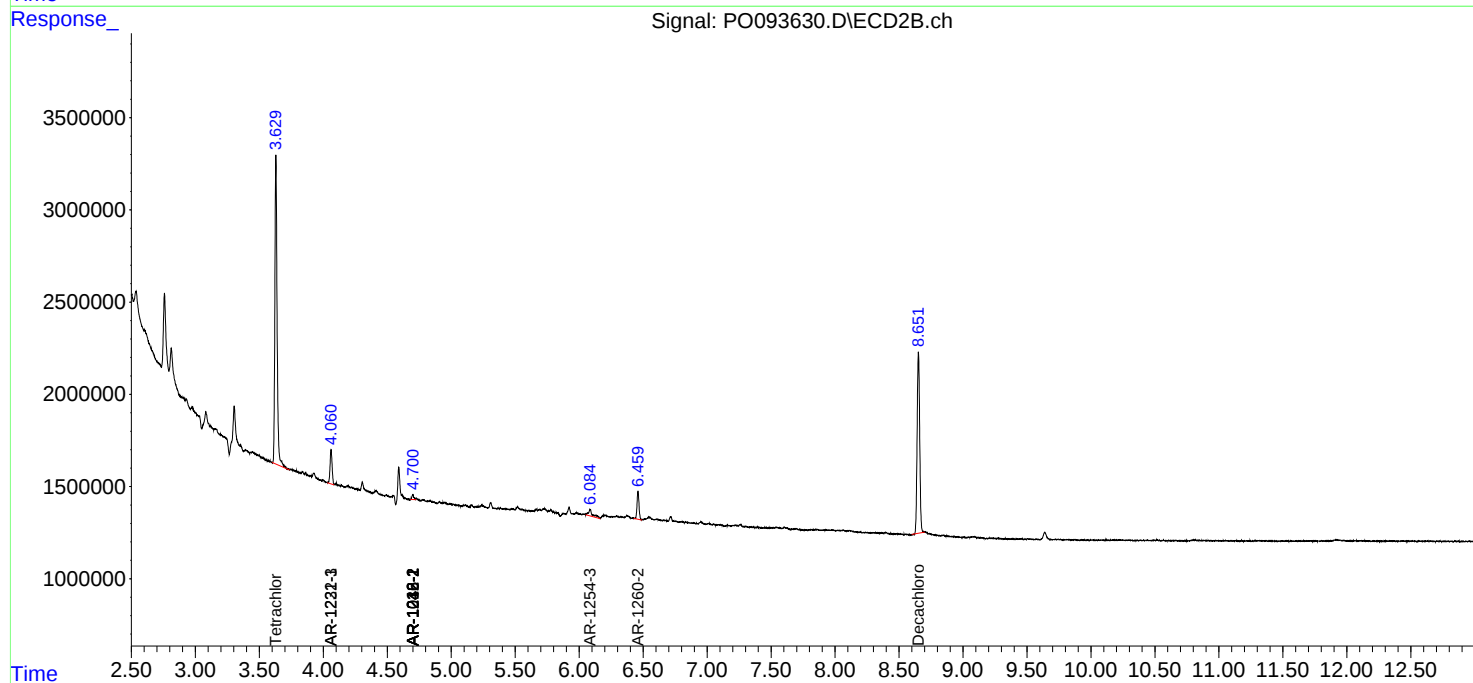
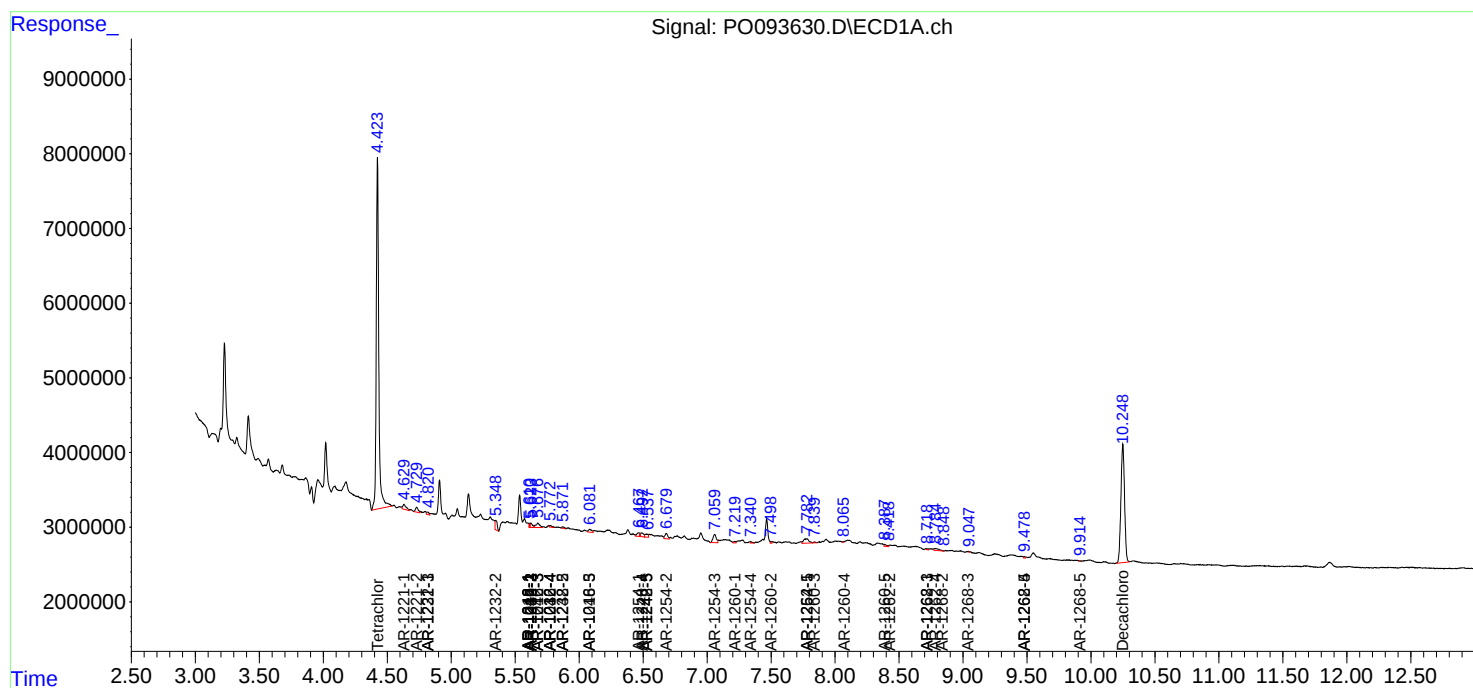
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

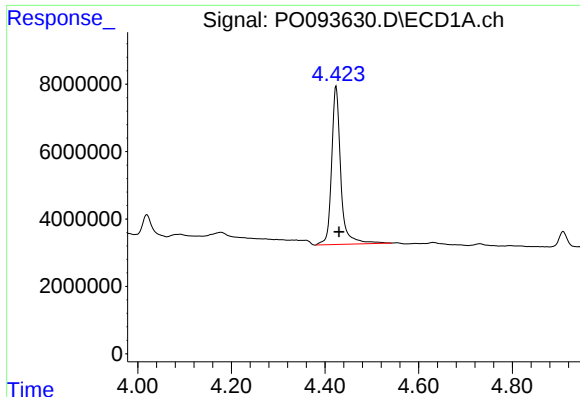
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032823\
Data File : P0093630.D
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Integration File signal 2: autoint2.e
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

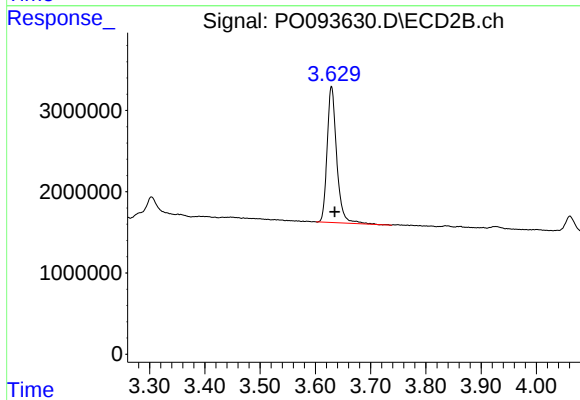




#1 Tetrachloro-m-xylene

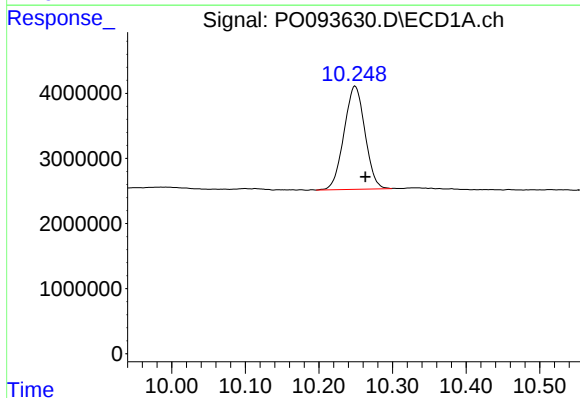
R.T.: 4.424 min
Delta R.T.: -0.006 min
Response: 63843449
Conc: 20.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



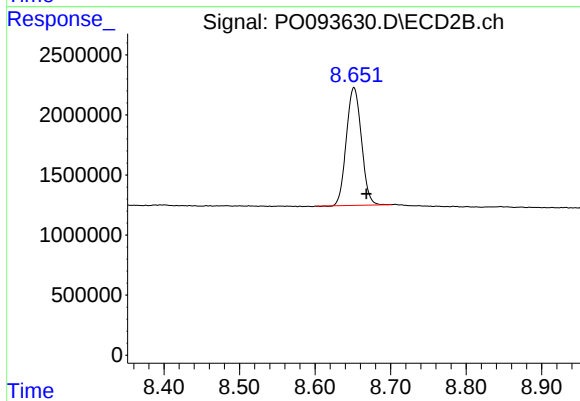
#1 Tetrachloro-m-xylene

R.T.: 3.629 min
Delta R.T.: -0.006 min
Response: 20122188
Conc: 17.84 ng/ml



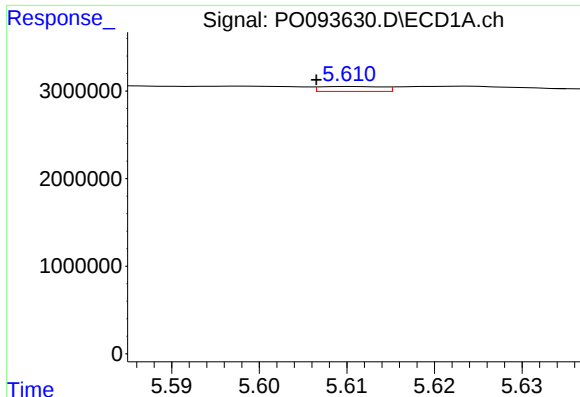
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.014 min
Response: 31326125
Conc: 14.47 ng/ml



#2 Decachlorobiphenyl

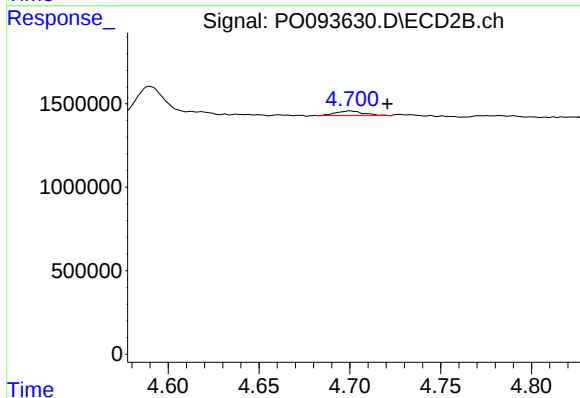
R.T.: 8.652 min
Delta R.T.: -0.016 min
Response: 13597123
Conc: 13.89 ng/ml



#3 AR-1016-1

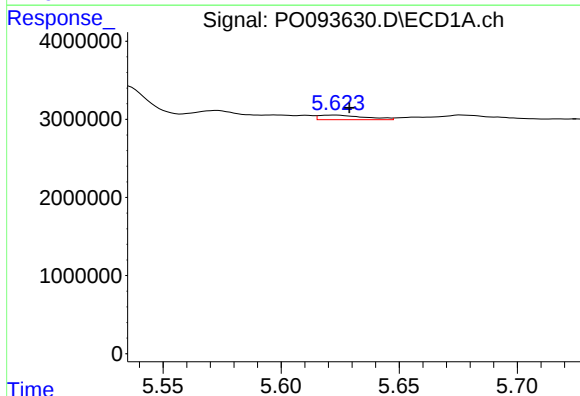
R.T.: 5.611 min
Delta R.T.: 0.004 min
Response: 282091
Conc: 2.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



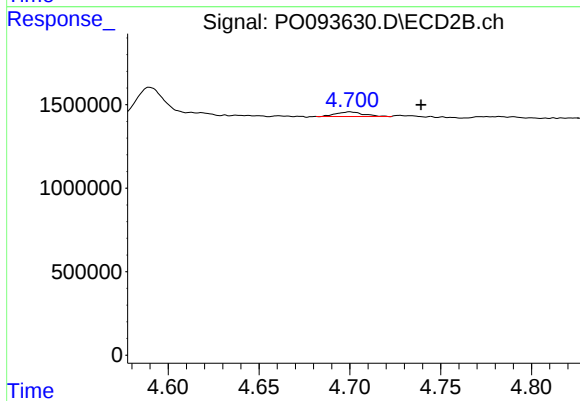
#3 AR-1016-1

R.T.: 4.700 min
Delta R.T.: -0.021 min
Response: 287368
Conc: 8.03 ng/ml



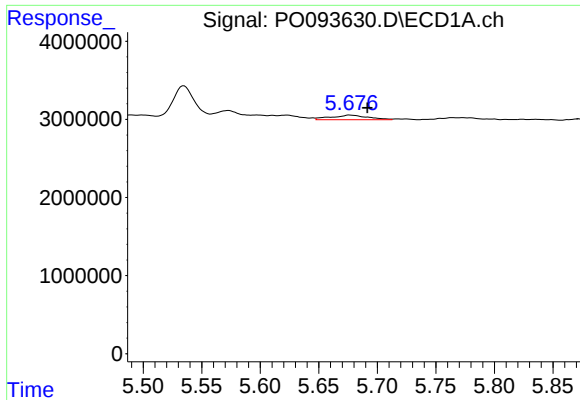
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: -0.005 min
Response: 794239
Conc: 5.56 ng/ml



#4 AR-1016-2

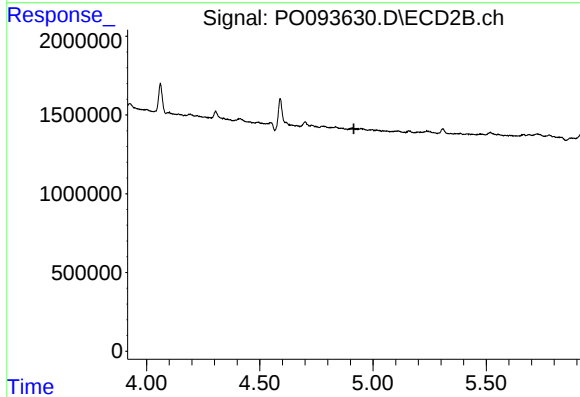
R.T.: 4.700 min
Delta R.T.: -0.039 min
Response: 287368
Conc: 5.54 ng/ml



#5 AR-1016-3

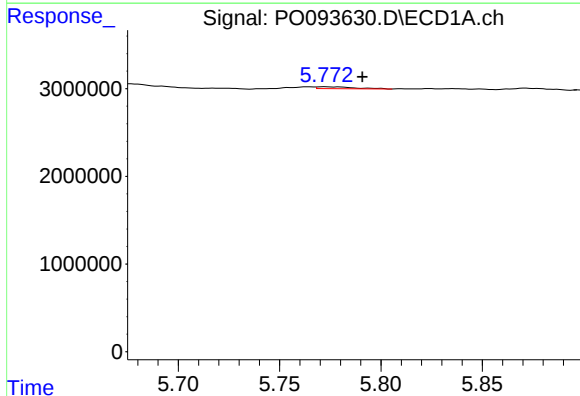
R.T.: 5.677 min
Delta R.T.: -0.015 min
Response: 1296046
Conc: 14.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



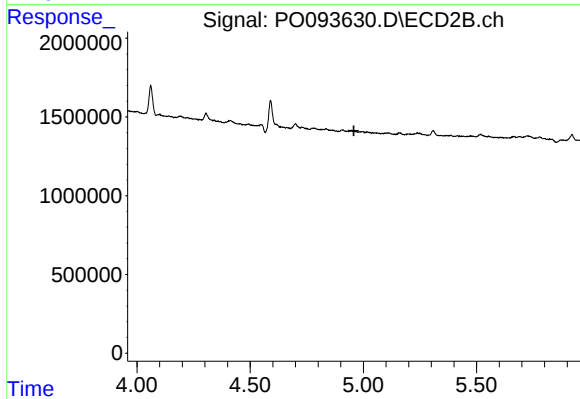
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



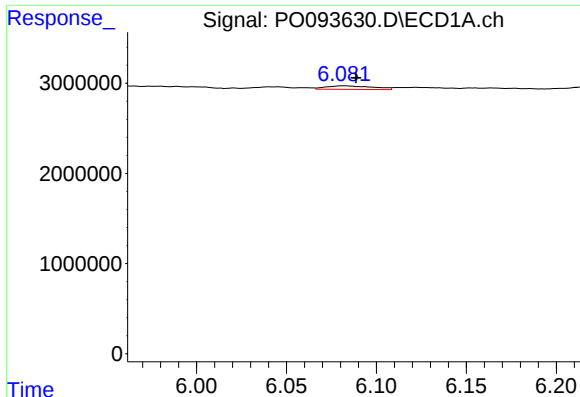
#6 AR-1016-4

R.T.: 5.772 min
Delta R.T.: -0.019 min
Response: 275648
Conc: 4.07 ng/ml



#6 AR-1016-4

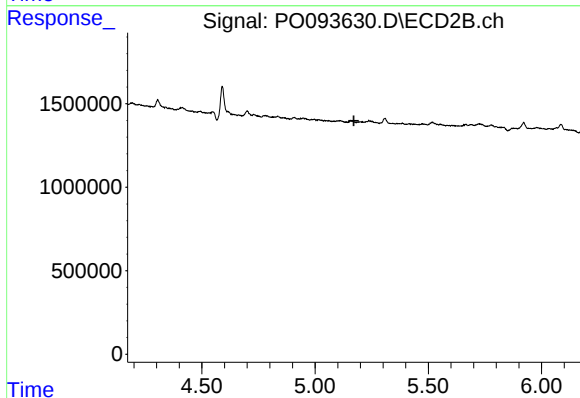
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#7 AR-1016-5

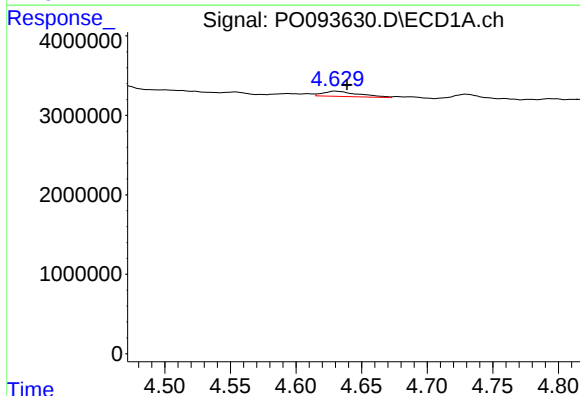
R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 702508
Conc: 9.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



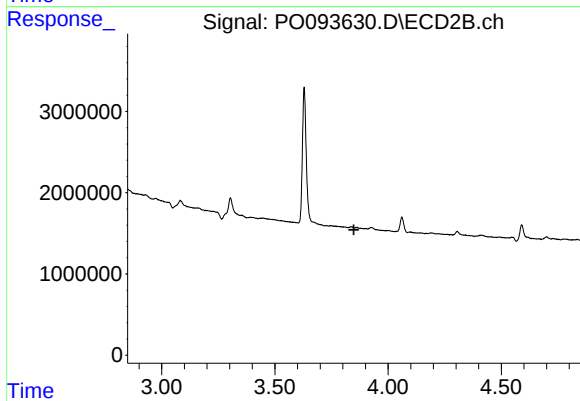
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



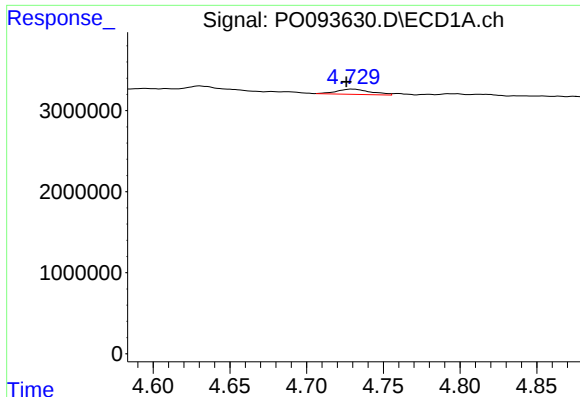
#8 AR-1221-1

R.T.: 4.630 min
Delta R.T.: -0.009 min
Response: 1213929
Conc: 30.03 ng/ml



#8 AR-1221-1

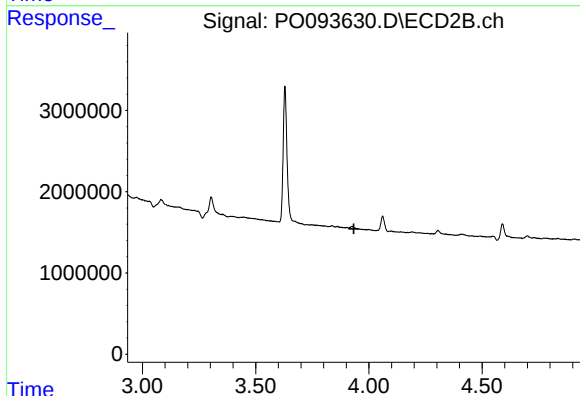
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

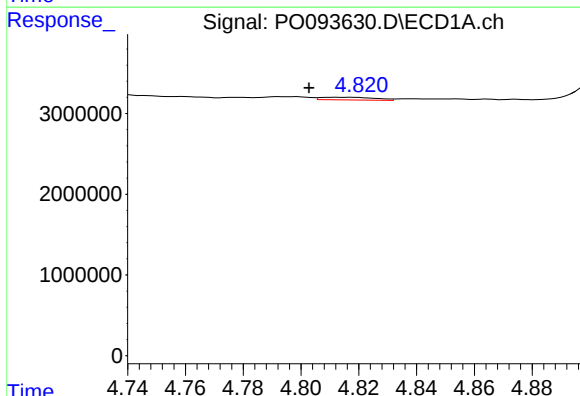
R.T.: 4.730 min
Delta R.T.: 0.004 min
Response: 989528
Conc: 32.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



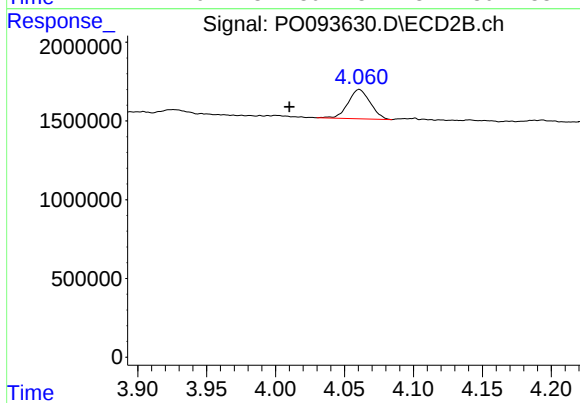
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.934 min
Response: 0
Conc: N.D.



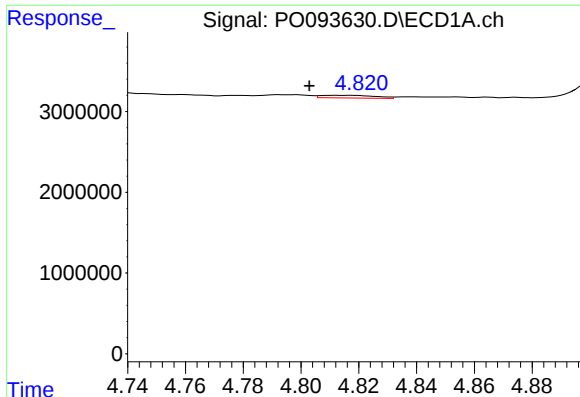
#10 AR-1221-3

R.T.: 4.813 min
Delta R.T.: 0.010 min
Response: 429376
Conc: 4.70 ng/ml



#10 AR-1221-3

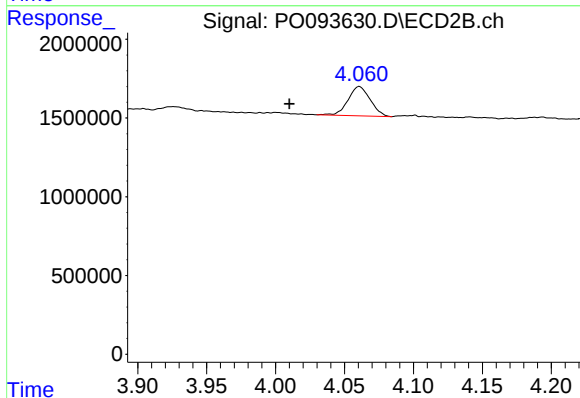
R.T.: 4.061 min
Delta R.T.: 0.051 min
Response: 2075882
Conc: 60.93 ng/ml



#11 AR-1232-1

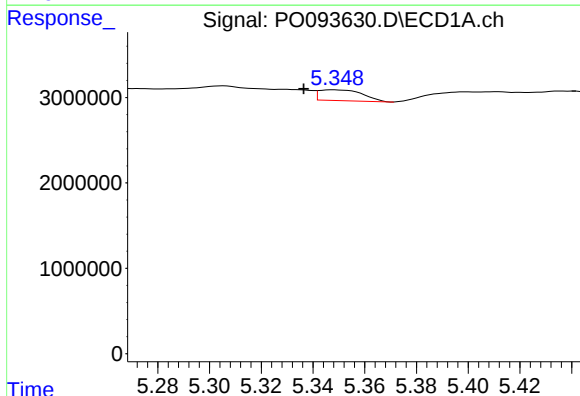
R.T.: 4.813 min
Delta R.T.: 0.010 min
Response: 429376
Conc: 5.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



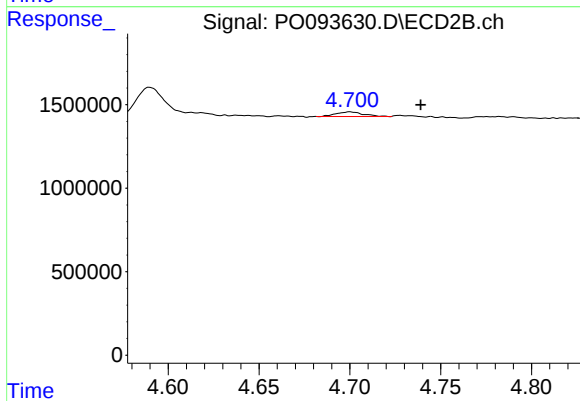
#11 AR-1232-1

R.T.: 4.061 min
Delta R.T.: 0.051 min
Response: 2075882
Conc: 73.50 ng/ml



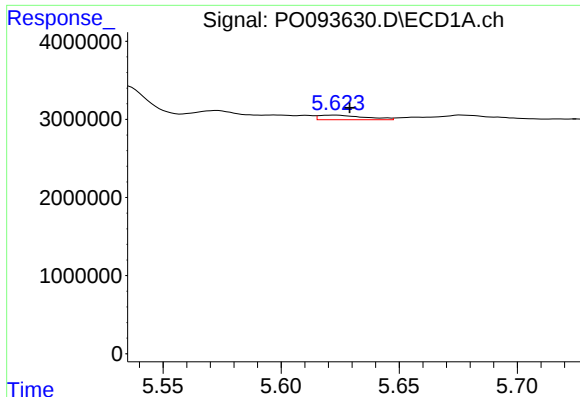
#12 AR-1232-2

R.T.: 5.348 min
Delta R.T.: 0.012 min
Response: 1487838
Conc: 41.38 ng/ml



#12 AR-1232-2

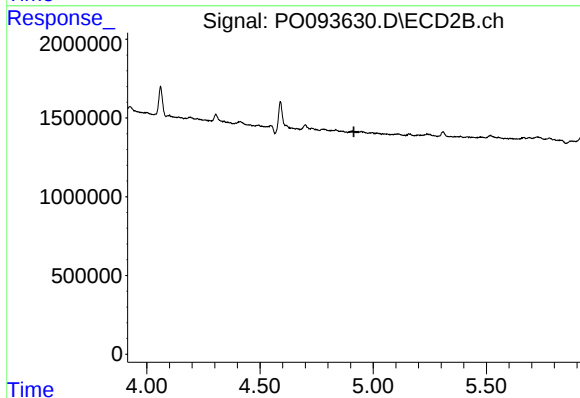
R.T.: 4.700 min
Delta R.T.: -0.039 min
Response: 287368
Conc: 11.66 ng/ml



#13 AR-1232-3

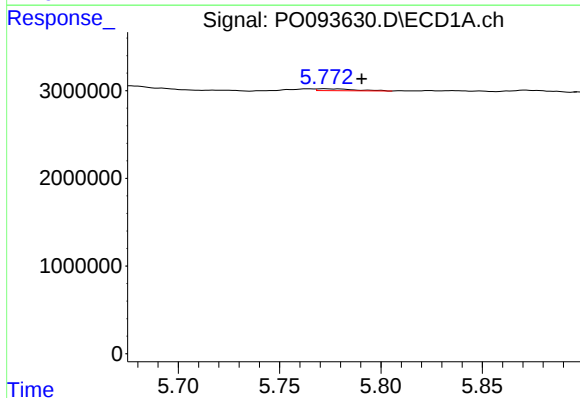
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 794239
Conc: 12.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



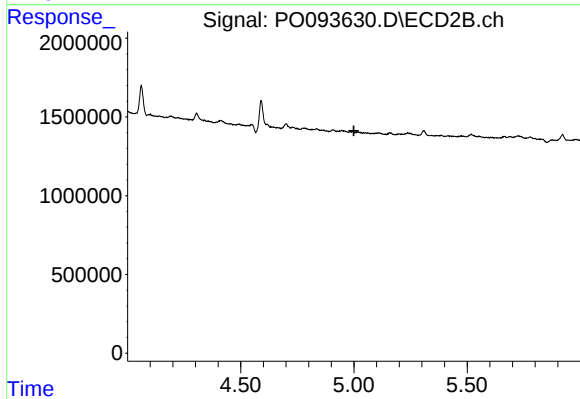
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.915 min
Response: 0
Conc: N.D.



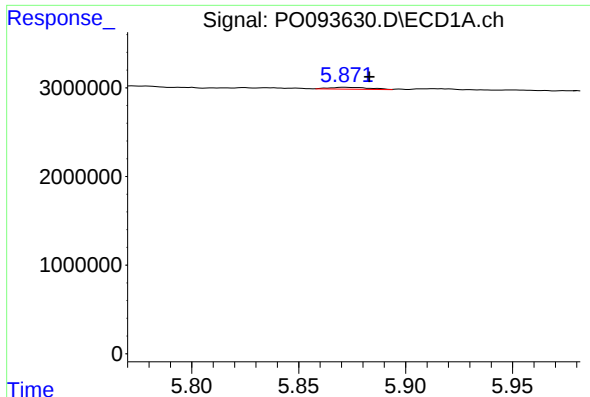
#14 AR-1232-4

R.T.: 5.772 min
Delta R.T.: -0.018 min
Response: 275648
Conc: 9.00 ng/ml



#14 AR-1232-4

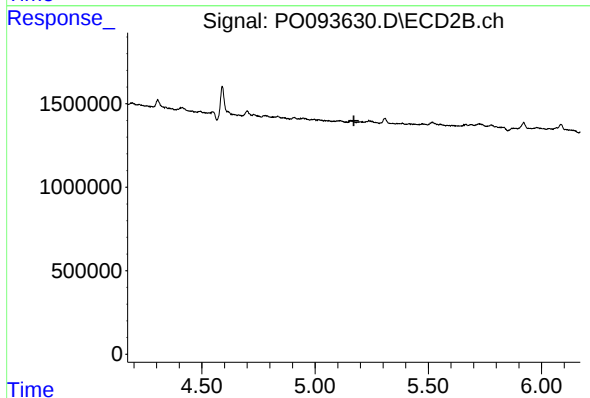
R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



#15 AR-1232-5

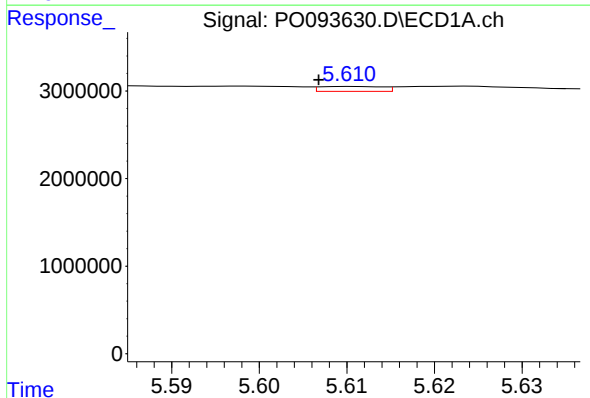
R.T.: 5.872 min
Delta R.T.: -0.011 min
Response: 277007
Conc: 9.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



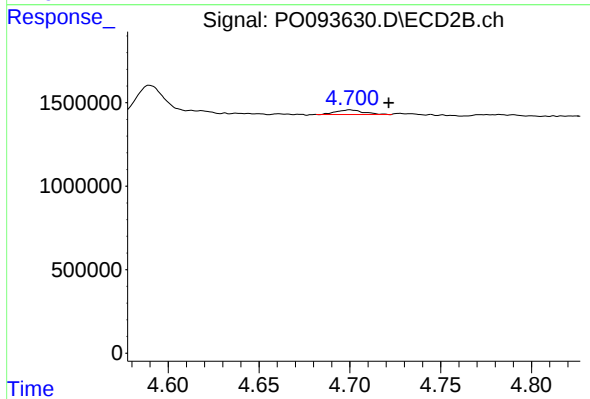
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



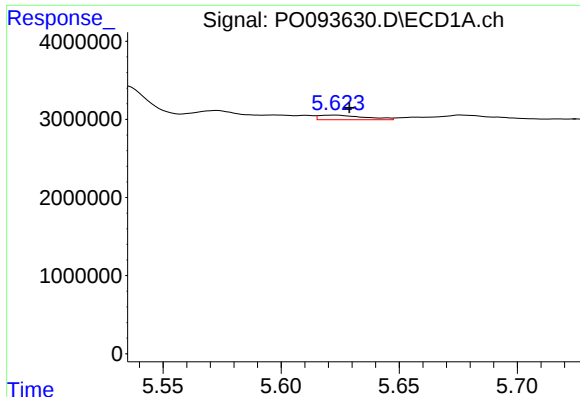
#16 AR-1242-1

R.T.: 5.611 min
Delta R.T.: 0.004 min
Response: 282091
Conc: 3.44 ng/ml



#16 AR-1242-1

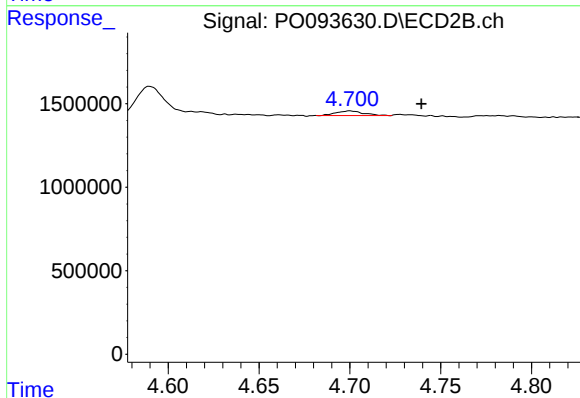
R.T.: 4.700 min
Delta R.T.: -0.021 min
Response: 287368
Conc: 9.46 ng/ml



#17 AR-1242-2

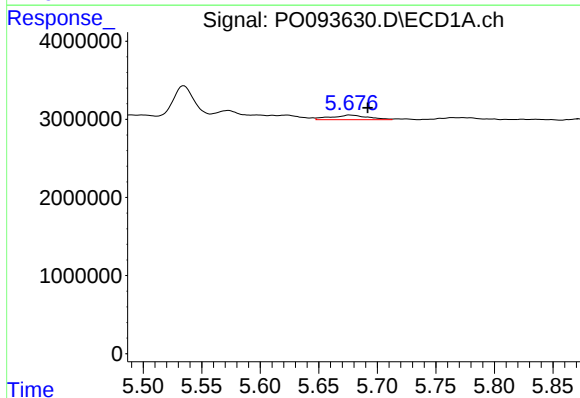
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 794239
Conc: 6.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



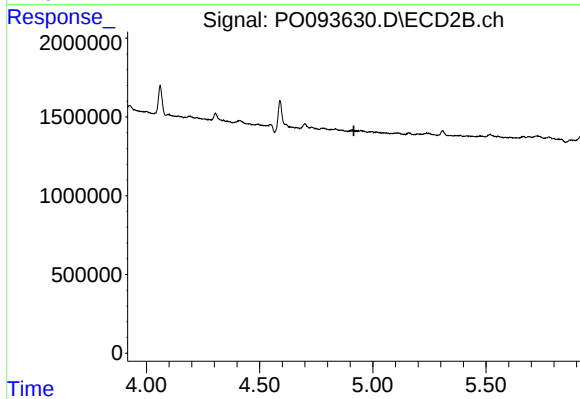
#17 AR-1242-2

R.T.: 4.700 min
Delta R.T.: -0.039 min
Response: 287368
Conc: 6.47 ng/ml



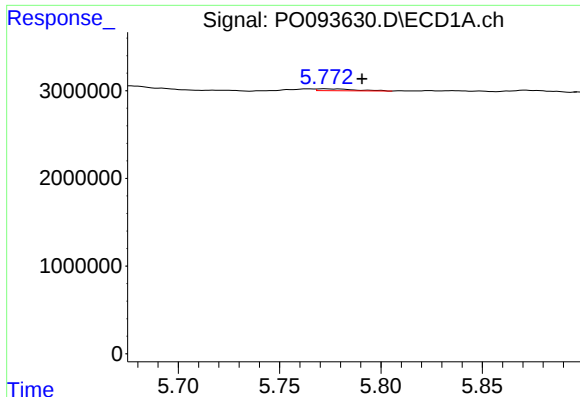
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.015 min
Response: 1296046
Conc: 16.89 ng/ml



#18 AR-1242-3

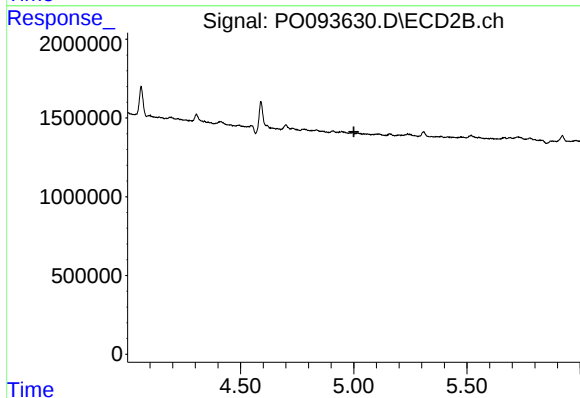
R.T.: 0.000 min
Exp R.T.: 4.916 min
Response: 0
Conc: N.D.



#19 AR-1242-4

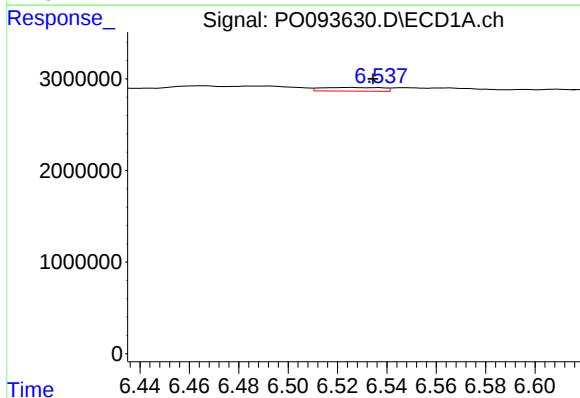
R.T.: 5.772 min
Delta R.T.: -0.018 min
Response: 275648
Conc: 4.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



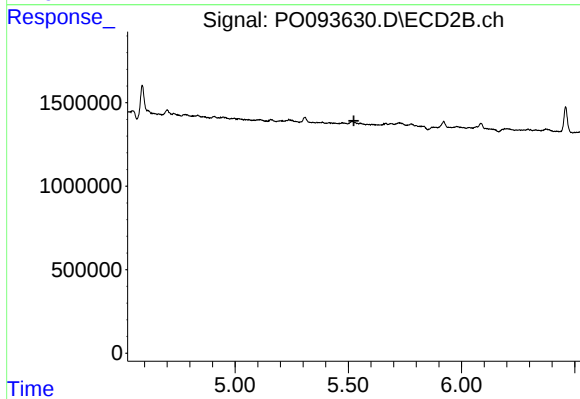
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



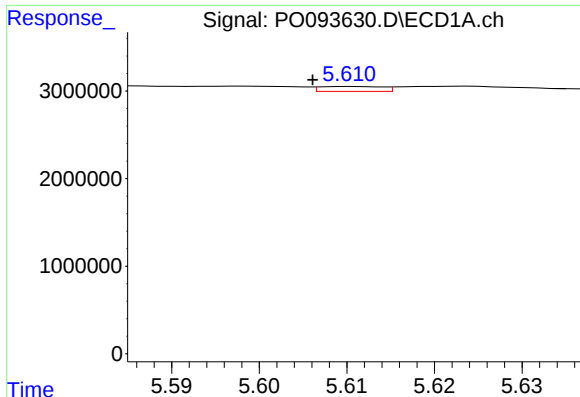
#20 AR-1242-5

R.T.: 6.525 min
Delta R.T.: -0.009 min
Response: 676078
Conc: 10.82 ng/ml



#20 AR-1242-5

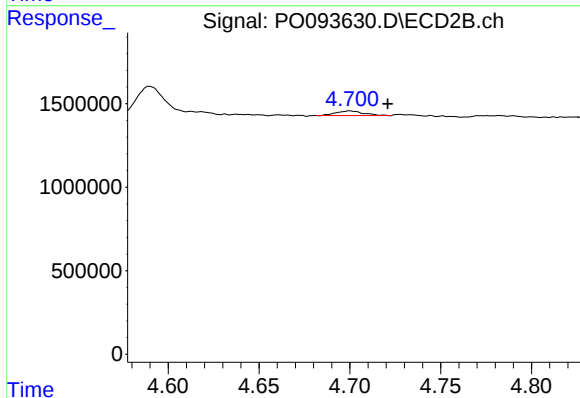
R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#21 AR-1248-1

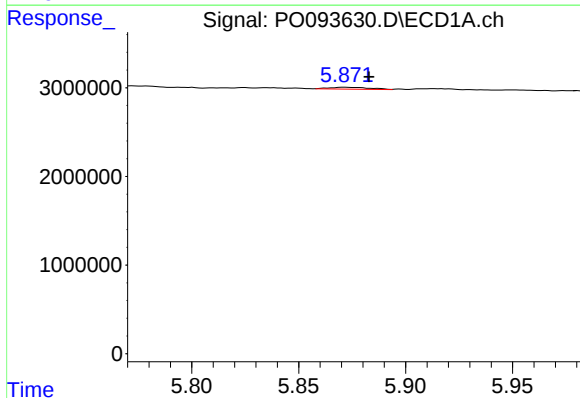
R.T.: 5.611 min
Delta R.T.: 0.005 min
Response: 282091
Conc: 4.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



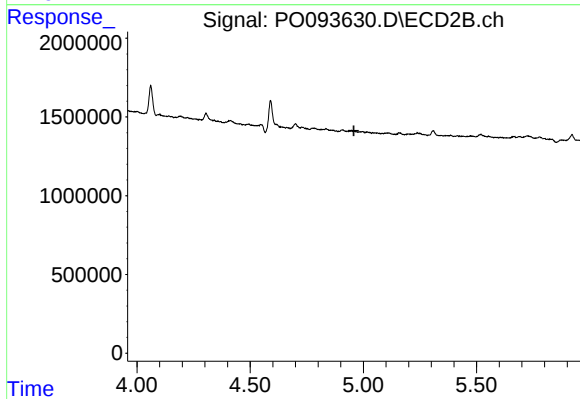
#21 AR-1248-1

R.T.: 4.700 min
Delta R.T.: -0.021 min
Response: 287368
Conc: 12.35 ng/ml



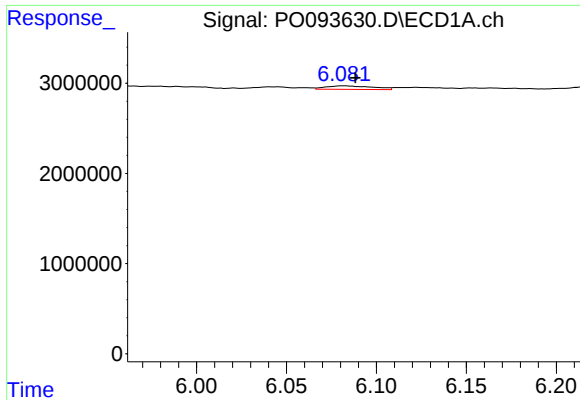
#22 AR-1248-2

R.T.: 5.872 min
Delta R.T.: -0.011 min
Response: 277007
Conc: 2.90 ng/ml



#22 AR-1248-2

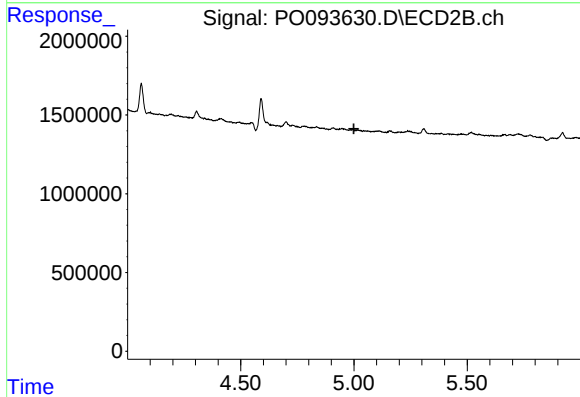
R.T.: 0.000 min
Exp R.T.: 4.958 min
Response: 0
Conc: N.D.



#23 AR-1248-3

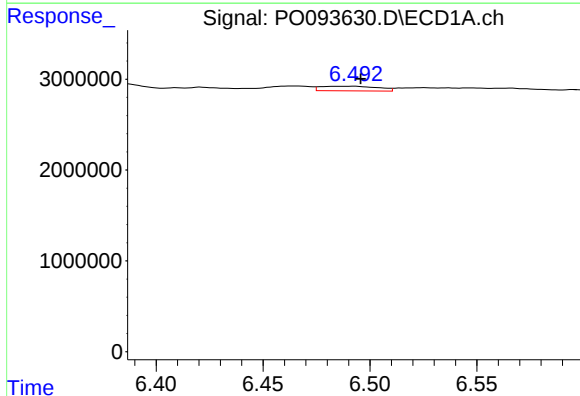
R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 702508
Conc: 6.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



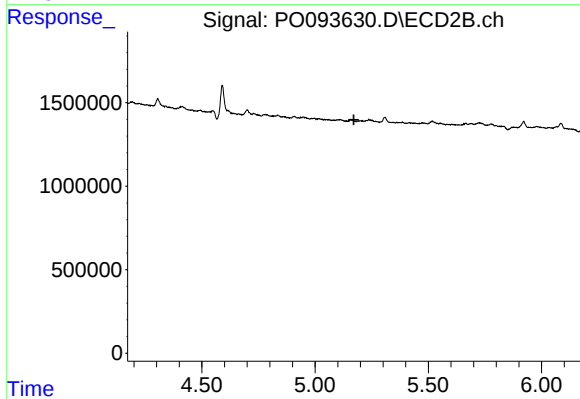
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



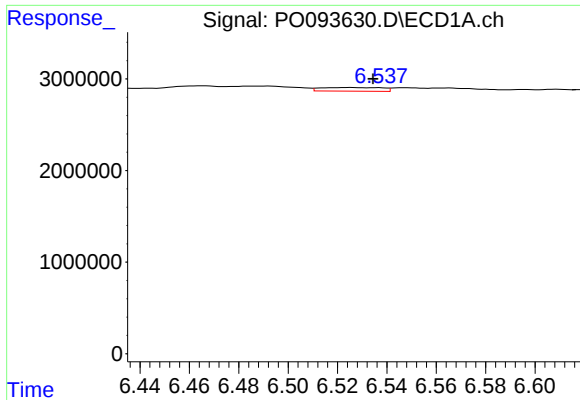
#24 AR-1248-4

R.T.: 6.493 min
Delta R.T.: -0.003 min
Response: 927432
Conc: 9.11 ng/ml



#24 AR-1248-4

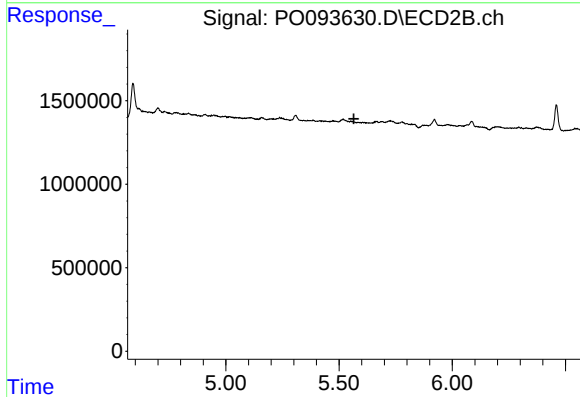
R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



#25 AR-1248-5

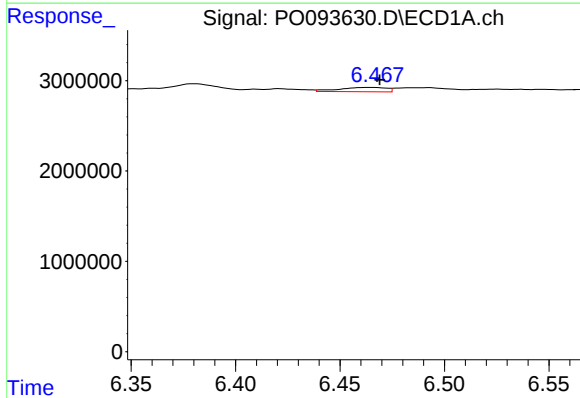
R.T.: 6.525 min
Delta R.T.: -0.009 min
Response: 676078
Conc: 6.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



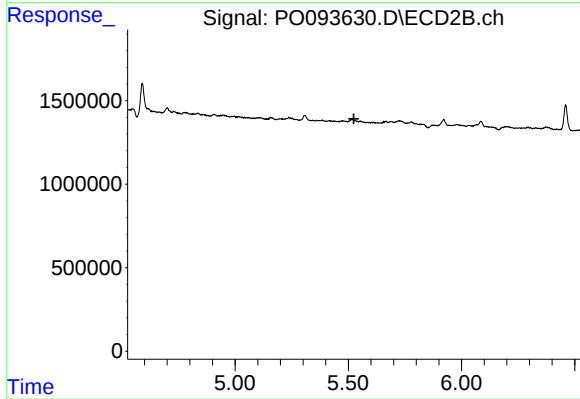
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.565 min
Response: 0
Conc: N.D.



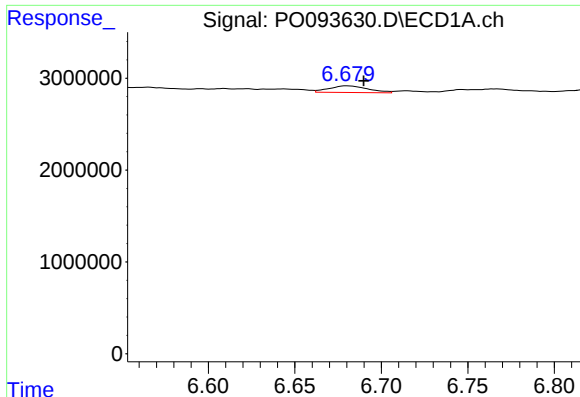
#26 AR-1254-1

R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 768340
Conc: 6.57 ng/ml



#26 AR-1254-1

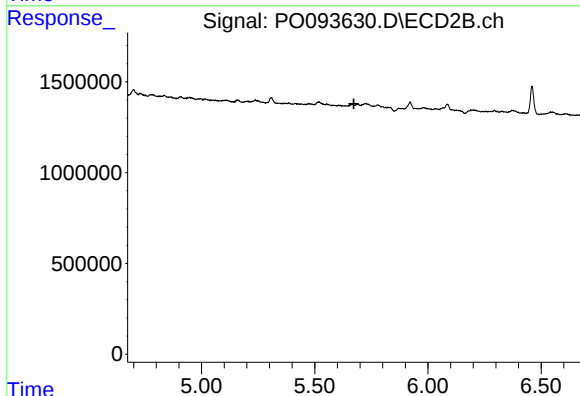
R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#27 AR-1254-2

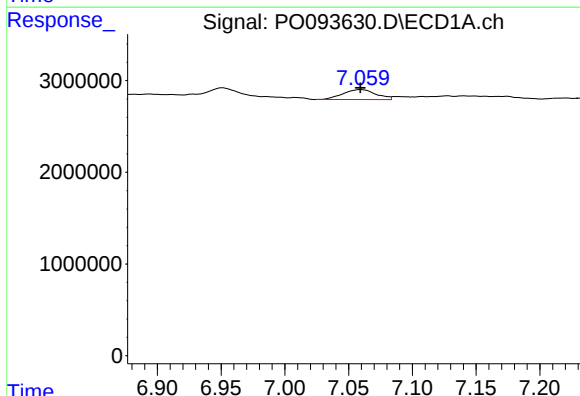
R.T.: 6.680 min
Delta R.T.: -0.010 min
Response: 1140077
Conc: 6.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



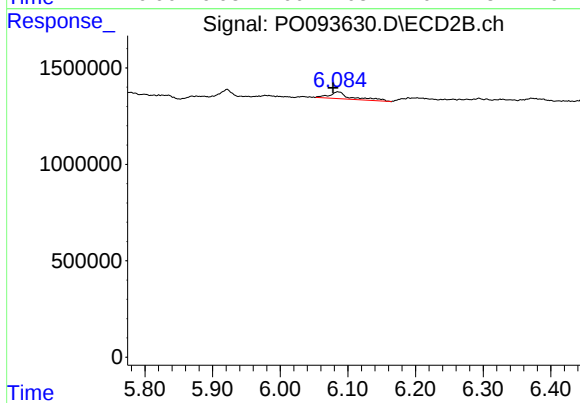
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.673 min
Response: 0
Conc: N.D.



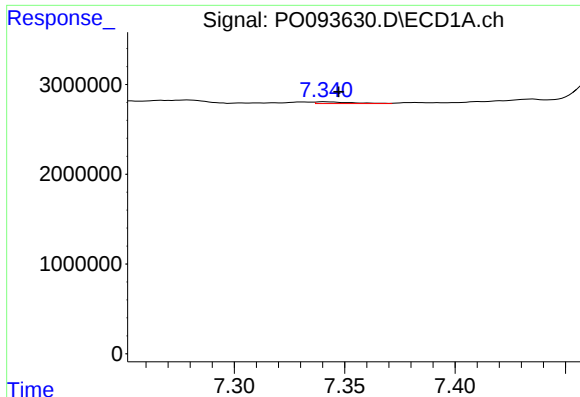
#28 AR-1254-3

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 1968859
Conc: 11.84 ng/ml



#28 AR-1254-3

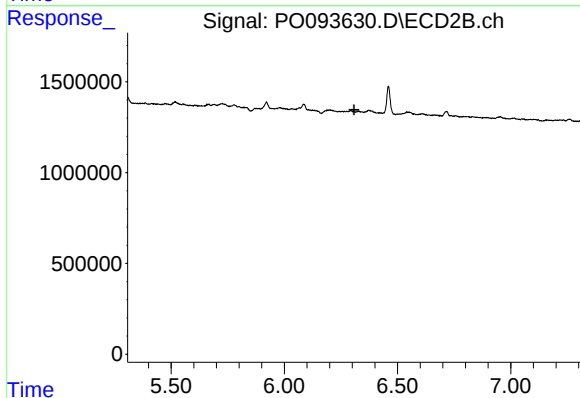
R.T.: 6.085 min
Delta R.T.: 0.007 min
Response: 823032
Conc: 9.56 ng/ml



#29 AR-1254-4

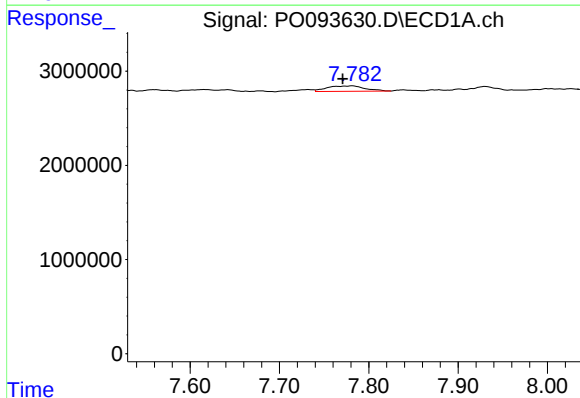
R.T.: 7.341 min
Delta R.T.: -0.006 min
Response: 210075
Conc: 1.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



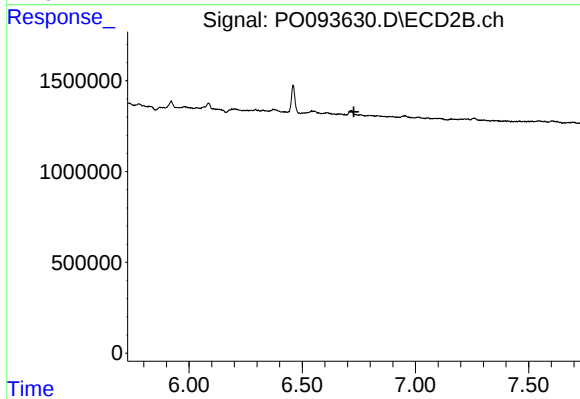
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.308 min
Response: 0
Conc: N.D.



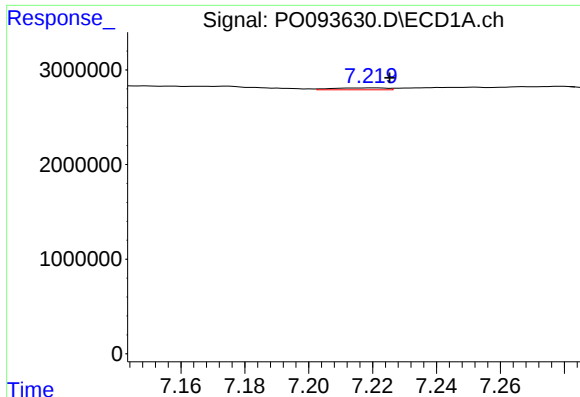
#30 AR-1254-5

R.T.: 7.782 min
Delta R.T.: 0.011 min
Response: 1694855
Conc: 12.52 ng/ml



#30 AR-1254-5

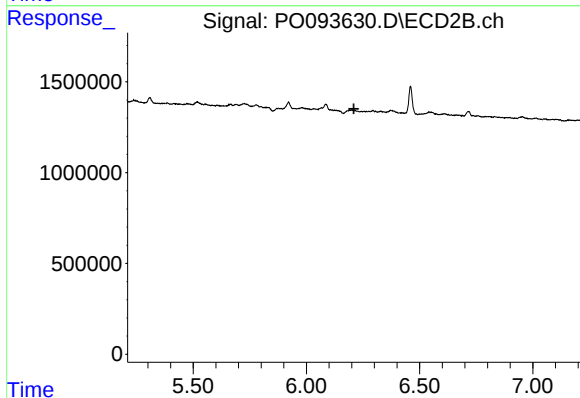
R.T.: 0.000 min
Exp R.T. : 6.728 min
Response: 0
Conc: N.D.



#31 AR-1260-1

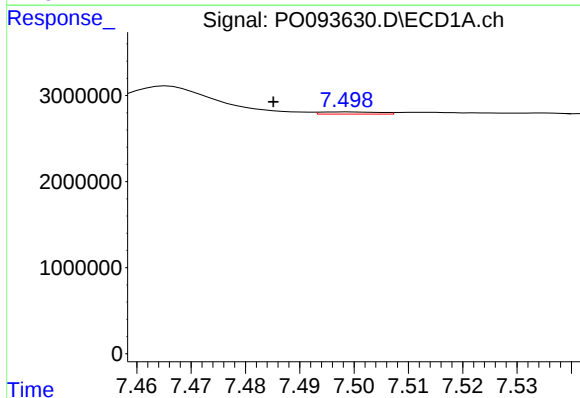
R.T.: 7.220 min
Delta R.T.: -0.005 min
Response: 233207
Conc: 1.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



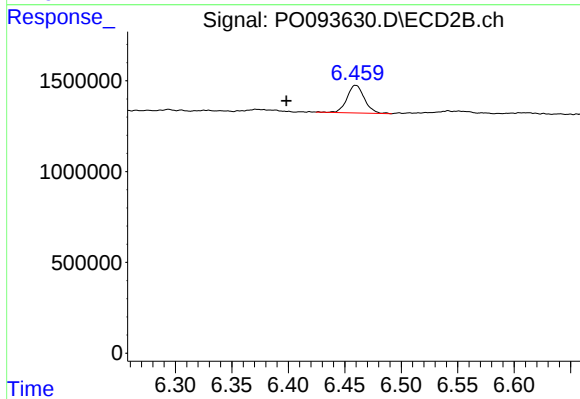
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.210 min
Response: 0
Conc: N.D.



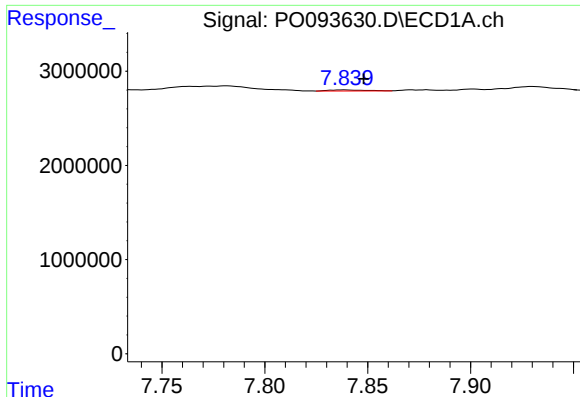
#32 AR-1260-2

R.T.: 7.498 min
Delta R.T.: 0.013 min
Response: 187349
Conc: 1.27 ng/ml



#32 AR-1260-2

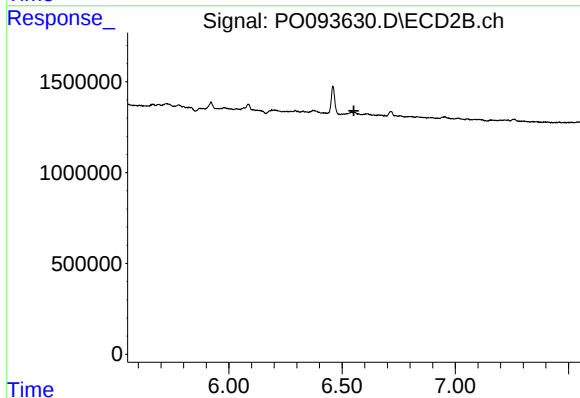
R.T.: 6.460 min
Delta R.T.: 0.061 min
Response: 1639736
Conc: 22.68 ng/ml



#33 AR-1260-3

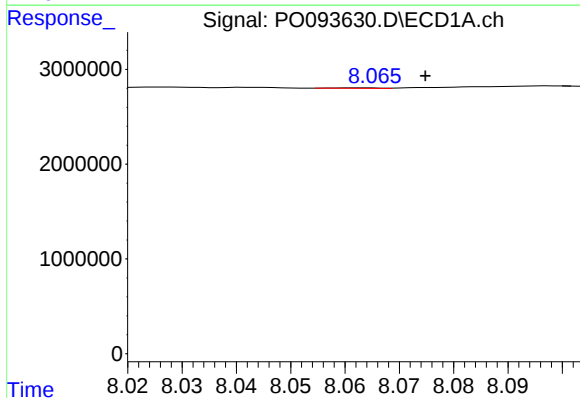
R.T.: 7.839 min
Delta R.T.: -0.009 min
Response: 131109
Conc: 1.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



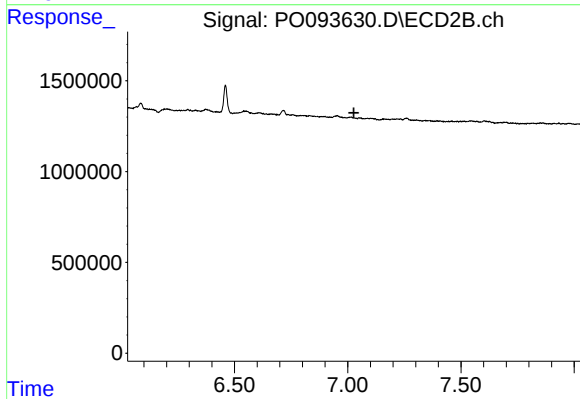
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.552 min
Response: 0
Conc: N.D.



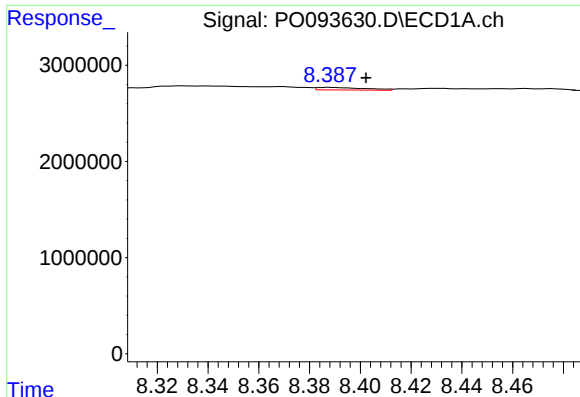
#34 AR-1260-4

R.T.: 8.062 min
Delta R.T.: -0.013 min
Response: 31511
Conc: 0.25 ng/ml



#34 AR-1260-4

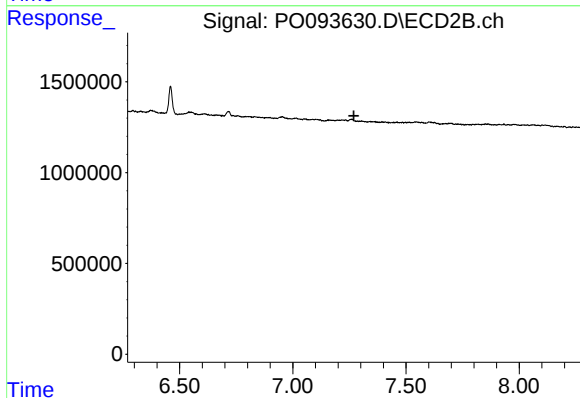
R.T.: 0.000 min
Exp R.T. : 7.027 min
Response: 0
Conc: N.D.



#35 AR-1260-5

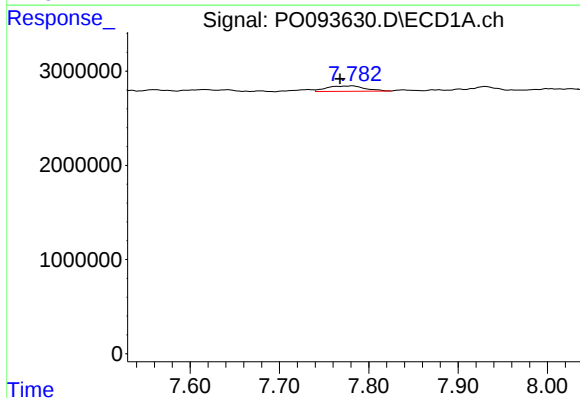
R.T.: 8.388 min
Delta R.T.: -0.015 min
Response: 333923
Conc: 1.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



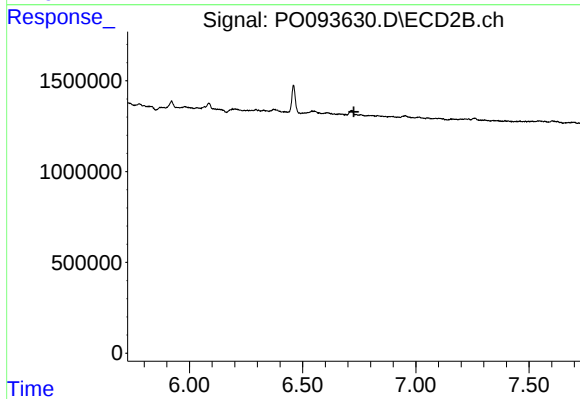
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



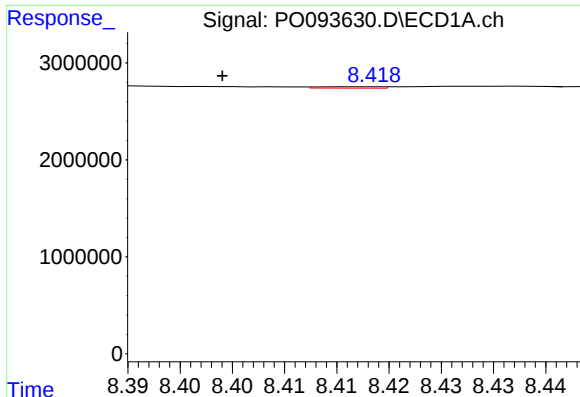
#36 AR-1262-1

R.T.: 7.782 min
Delta R.T.: 0.014 min
Response: 1694855
Conc: 17.05 ng/ml



#36 AR-1262-1

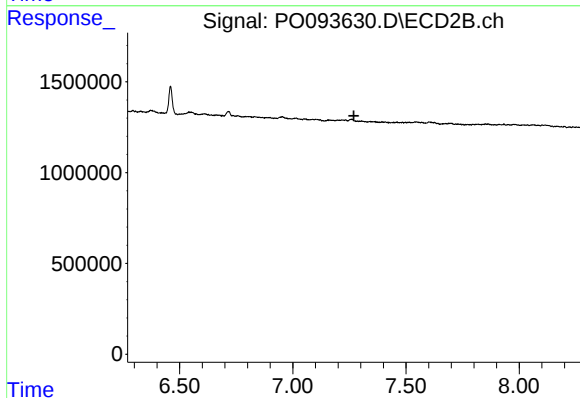
R.T.: 0.000 min
Exp R.T. : 6.726 min
Response: 0
Conc: N.D.



#37 AR-1262-2

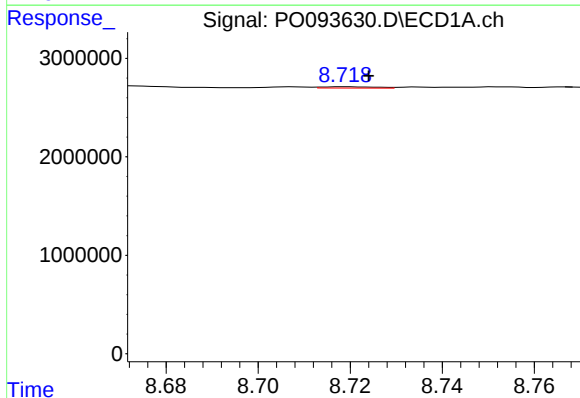
R.T.: 8.418 min
Delta R.T.: 0.014 min
Response: 59335
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



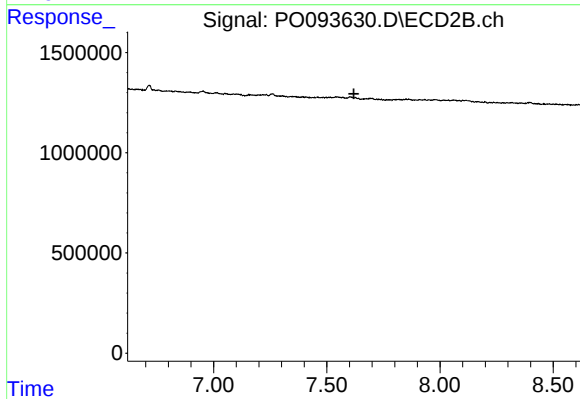
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



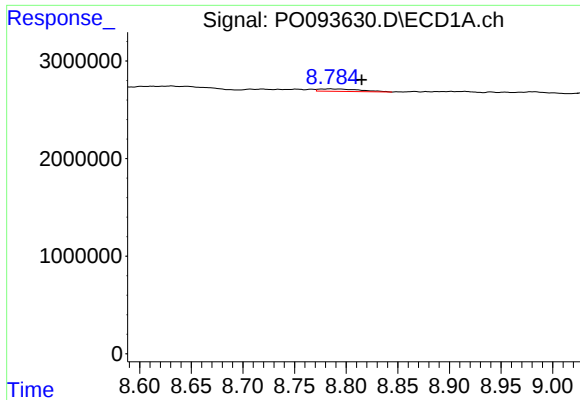
#38 AR-1262-3

R.T.: 8.719 min
Delta R.T.: -0.005 min
Response: 113196
Conc: 0.67 ng/ml



#38 AR-1262-3

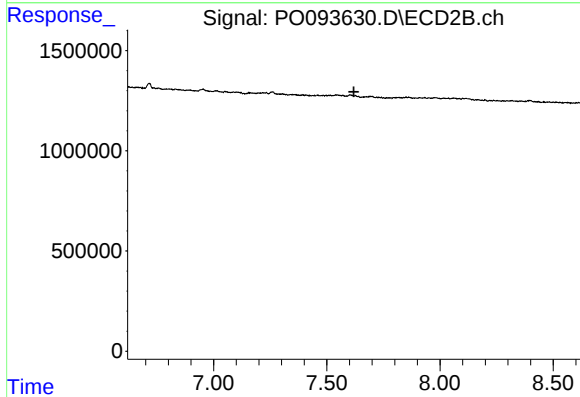
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#39 AR-1262-4

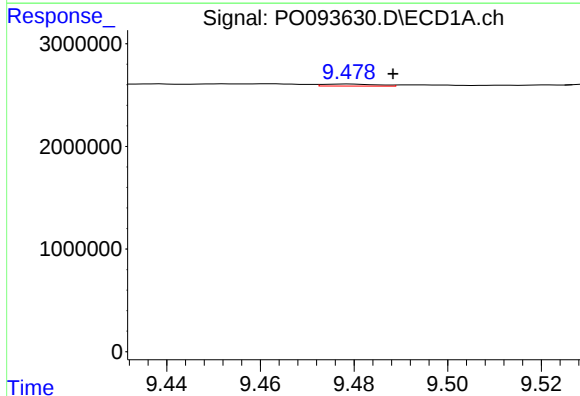
R.T.: 8.785 min
Delta R.T.: -0.030 min
Response: 704506
Conc: 7.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



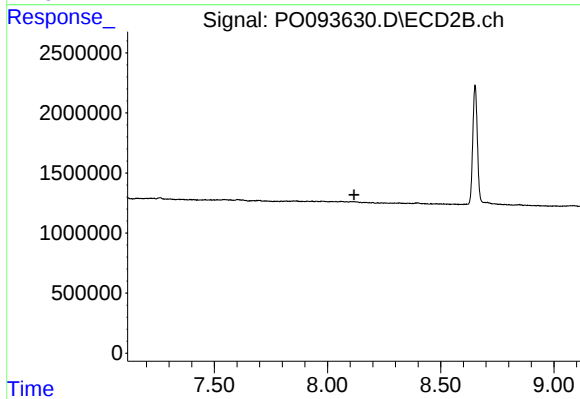
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



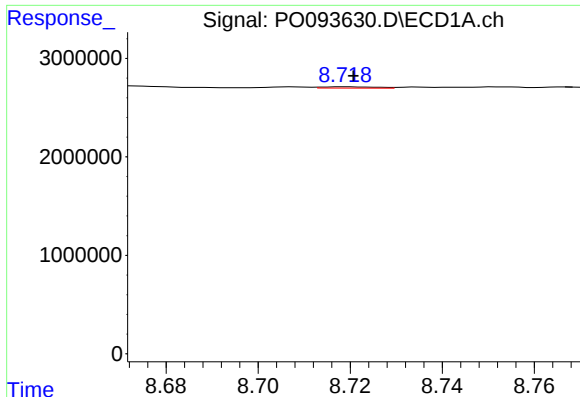
#40 AR-1262-5

R.T.: 9.479 min
Delta R.T.: -0.009 min
Response: 154184
Conc: 1.61 ng/ml



#40 AR-1262-5

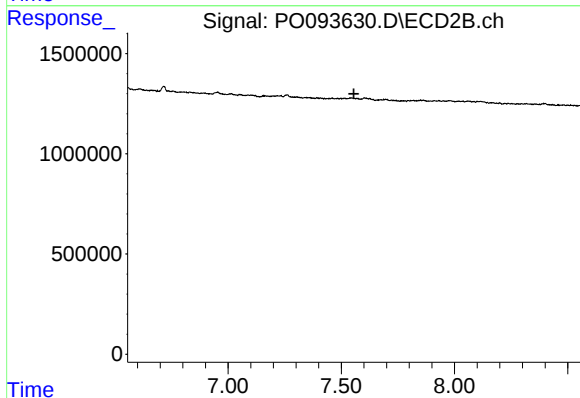
R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



#41 AR-1268-1

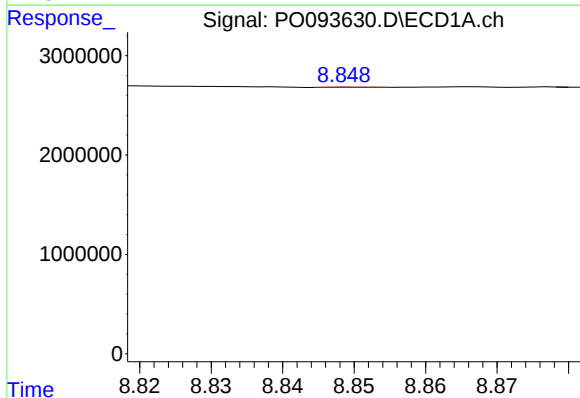
R.T.: 8.719 min
Delta R.T.: -0.002 min
Response: 113196
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



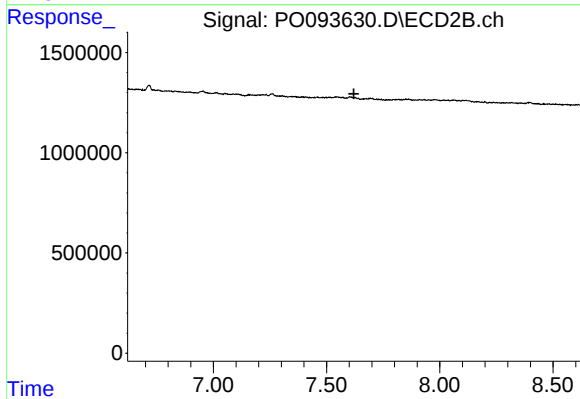
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.555 min
Response: 0
Conc: N.D.



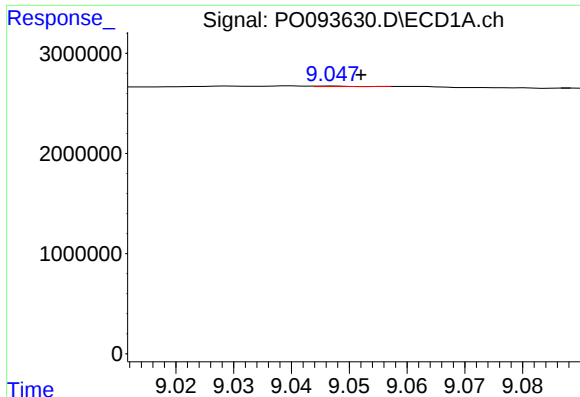
#42 AR-1268-2

R.T.: 8.849 min
Delta R.T.: 0.031 min
Response: 10363
Conc: 0.04 ng/ml



#42 AR-1268-2

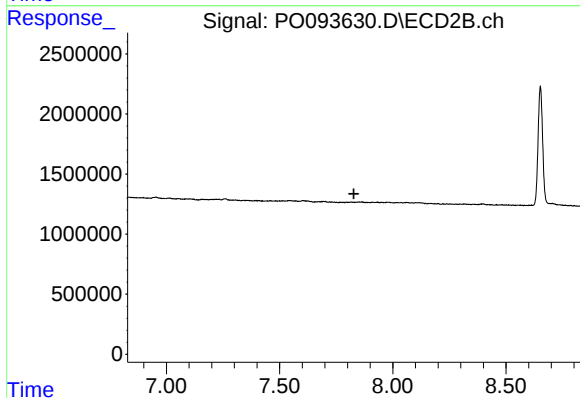
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#43 AR-1268-3

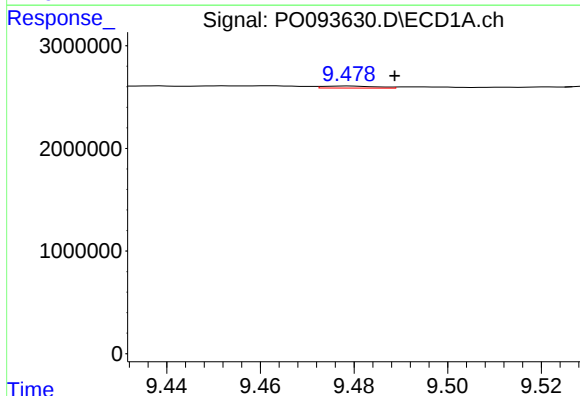
R.T.: 9.047 min
Delta R.T.: -0.005 min
Response: 18912
Conc: 0.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



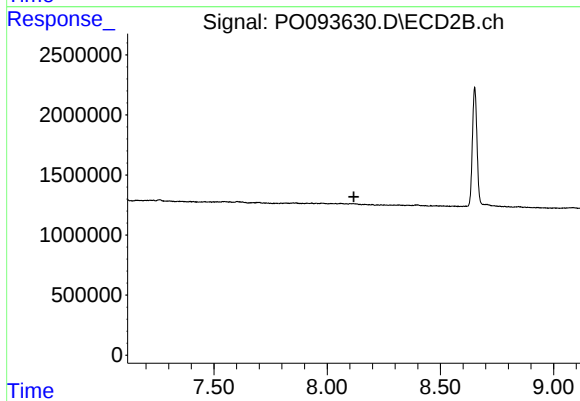
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.828 min
Response: 0
Conc: N.D.



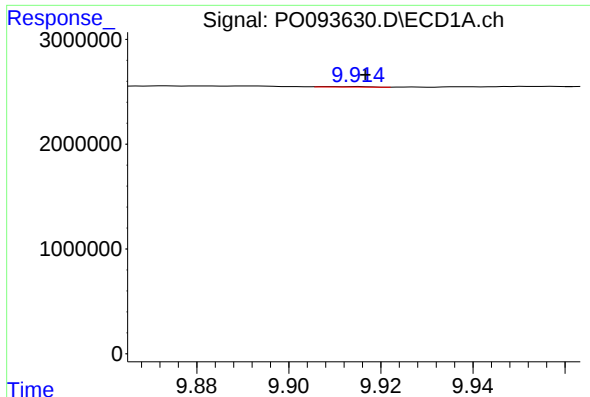
#44 AR-1268-4

R.T.: 9.479 min
Delta R.T.: -0.010 min
Response: 154184
Conc: 1.44 ng/ml



#44 AR-1268-4

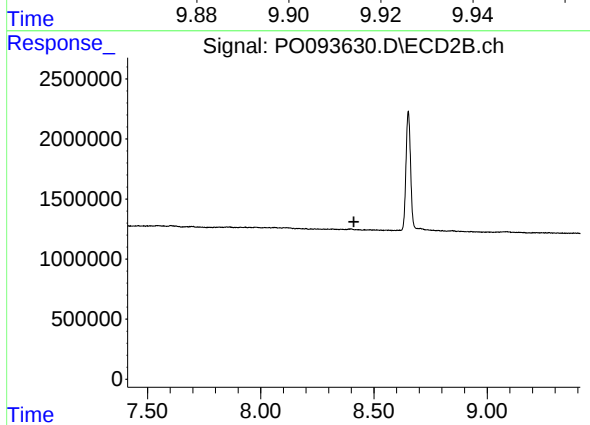
R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.915 min
Delta R.T.: -0.002 min
Response: 34844
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.411 min
Response: 0
Conc: N.D.